



**STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION**

**REQUEST FOR QUALIFICATIONS NOTICE**

**NUMBER 59A0549**

**Note:** Address all questions concerning this Request for Qualifications (RFQ) in writing to the attention of Stacey Duvane at [Stacey\\_Duvane@dot.ca.gov](mailto:Stacey_Duvane@dot.ca.gov). You may also reach the analyst by telephone at (916) 227-6087. Consultants contacting the District or Division directly seeking information about this RFQ may jeopardize the integrity of the selection process and risk possible disqualification.

Read carefully, this document has been revised as of **05/04/06**.

**I. GENERAL INFORMATION**

- A. The State of California, Department of Transportation (Department) is soliciting Statements of Qualifications (SOQs) from qualified firms that may lead to the award of a contract for Independent Assurance of Cost Pricing Districts services.
- B. The estimated contract amount is \$ 3,000,000 – 4,999,999.
- C. The estimated contract term is 18 months.
- D. Interviews will be held in Sacramento on 11/02/06 and 11/03/06. Confirmation letters will be sent to those firms short-listed.
- E. Negotiations will be held with the top-ranked firm on 11/07/06 and 11/08/06 in Sacramento.
- F. To assist Proposers in ascertaining Disadvantaged Business Enterprise (DBE) availability for specific items of work, the Department advises that it has determined that DBEs could reasonably be expected to compete for subcontracting opportunities on this Agreement and their likely availability for work on this Agreement is 17 percent. Refer to “Statement of Qualifications Submittal Instructions and General Contract

Process Information” for additional information. The Department also advises that participation of DBEs in the specified percentage is not a condition of award.

- G. Federal and/or State prevailing wage rates may apply. This requirement, if applicable, will be specified in the draft contract.
- H. The Department does not guarantee, either expressly or by implication, that any work or services will be required under any contract issued as a result of this RFQ.
- I. A Pre-award or Post-award Audit will be performed on any contract issued as a result of this RFQ.

## **II. SCOPE OF WORK/DELIVERABLES**

The work to be performed for this RFQ is described in the Scope of Work/Deliverables, dated September 14, 2006, and is hereby incorporated as **Attachment 1**.

## **III. SUBMISSION OF STATEMENTS OF QUALIFICATIONS (SOQs)**

- A. **IMPORTANT:** Download “Statement of Qualifications Submittal Instructions and General Contract Process Information” from: <http://Caltrans-opac.ca.gov/aeinfo.htm>. Failure to follow these instructions may result in rejection of your SOQs.
- B. SOQ Package Submittal Instructions
  - 1. Eight (8) copies of the SOQ containing all the indicated information shall be submitted. Fax copies will not be allowed. SOQs will be accepted until **3:00 p.m. on October 19, 2006**, and must be directed to:

State of California  
Department of Transportation  
Administration  
Division of Procurement and Contracts  
1727 30<sup>th</sup> Street  
Sacramento, CA 95816-7006  
Attention: Stacey Duvane  
Telephone: (916) 227 6087

2. If your SOQ package is hand delivered, you must date and time stamp it immediately upon arrival. The date/time stamp machine is located in the lobby of the first floor to the right of the security guard station at the address noted above. Date/stamp one label for each SOQ package/box submitted. Ask the security guard to call the Division of Procurement and Contracts' reception desk at (916) 227-6000 to have your SOQ package picked up by Contracts' staff.
3. The SOQs must be submitted in a sealed package labeled as follows:
  - RFQ Number 59A0549
  - Submittal deadline 10/19/06
  - "DO NOT OPEN"

C. Request for RFQ Copies

Copies of this RFQ may be requested by contacting the State of California, Department of Transportation, Division of Procurement and Contracts, Bid Line at (916) 227-6075. You may leave a recorded message or send your FAX request to (916) 227-1950. You must include the RFQ solicitation number.

## Scope of Work for Independent Assurance Contract for Districts 1,2,3,5,6,9 and 10

### SCOPE OF WORK/DELIVERABLES

#### **A. DESCRIPTION OF SERVICES:**

The Contractor shall provide professional engineering services to perform cost estimates for various construction projects for the California Department of Transportation, herein referred to as Department, in Districts 1,2,3,5,6,9 and 10. These services will facilitate Independent Assurance (IA) of construction cost estimates. All work shall be performed in conformance with Caltrans policies, procedures, and standards. The specific construction project for which the cost estimating will be performed will be stated in each Task Order. Attached is a list of proposed projects for each District, however, this list is not exclusive.

<b>Dist</b>	<b>EAs</b>	<b>Co-Rte-PM</b>	<b>Project Description</b>
01	26200	MEN-101-43.5	CONSTRUCT 4-LANE FREEWAY
01	29030	HUM-101-57.0	CONSTRUCT INTERCHANGE AND FRONTAGE ROADS 36/101
01	29171	MEN-001-37.8	CONSTRUCT TIE-BACK RETAINING WALL
01	29610	HUM-101-89.4	REPLACE BRIDGE (SCOUR)
01	31010	MEN-001-33.4	REPLACE BRIDGE (SCOUR)
01	32470	DN -101- 14.8	CONSTRUCT RETAINING WALL (5 LOC)
01	34540	DN -101- 43.6	SHOULDER WIDENING AND LEFT TURN CHANNELIZATION
01	36320	HUM-101-R48.7	ROADWAY REHABILITATION
01	36460	HUM-169- 22.2	REPLACE BRIDGES (#4-180,182,218,223)
01	37562	HUM-101-R102.8	REHABILITATE ROADSIDE REST
01	37810	MEN-128- 0.0	REHABILITATE CULVERTS
01	38050	MEN-222- 1.0	REPLACE BRIDGE (SCOUR)
01	38570	MEN-001-69.4	REPLACE BRIDGE
01	39850	LAK-029- 20.4	CAPITAL PREVENTIVE MAINTENANCE
01	39860	LAK-053- 3.1	ROADWAY REHABILITATION & SHOULDER WIDENING
01	39930	LAK-020- 0.6	CAPITAL PREVENTIVE MAINTENANCE
01	43260	LAK-020- 9.4	SHOULDER WIDENING / RUMBLE STRIP
01	43460	MEN-L57-10	REPLACE MAINTENANCE STATION
02	0C970	TEH-005-R12.2	BRIDGE REPLACEMENT (SCOUR)
02	2C500	TEH-005-R22.2	REPLACE PCC PAVEMENT
02	2C740	SHA-005- 0.0	OPEN-GRADED AC-OVERLAY-RAMPS INCLUDED
02	32560	SHA-089- 26.6	REPLACE BRIDGE & REALIGN RDWY
02	32801	SHA-005-R15.1	WIDEN STR, ADD AUX LNS, ADD & WIDEN RAMPS
02	37050	SHA-299-50.7	REALIGN HIGHWAY
02	37310	PLU-070-35.1	REPLACE BRIDGE NO. 9-15
02	37890	SHA-005-R39.5	BRIDGE REPLACEMENT
02	38110	SIS-005-R11.4	ROADWAY REHAB
02	38840	SHA-044-L0.3	CONSTRUCT AUXILLARY LANES IRDAP #1720

Dist	EAs	Co-Rte-PM	Project Description
03	0A360	SAC-005-22.6	REHABILITATE STRUCTURE
03	0A631	NEV-080-R9.2	PCC OL, DRAINAGE REHAB, W/B TRK LN
03	0A710	YUB-070-15.4	AC OVERLAY, COLD FOAM RECYCLE
03	0C281	COL-005-0.0	INSTALL CMS & CCTV CHANGEABLE MESSAGE SIGNS & CLOSED
03	0C470	YOL-016-18.2	WIDEN SHOULDER & CONSTR LEFT TURN LANE RT TURN POCKETS, INTERSECTION IMPROVEMENT
03	0C930	PLA-028-9.2	INSTL CURB,GTRS,SIDEWALK,SIGNAL & DRAIN
03	1A461	SUT-099-16.8	WIDEN TO 4 LNS, ADD TURNING LANE
03	1A710	ED -050-39.7	BWC OR RAC TYPE G OVERLAY
03	1C490	COL-020-2.9	REPLACE BRIDGE ON NEW ALIGNMENT (SCOUR)
03	1C971	PLA-267-7.3	WATER QUALITY DRAINAGE IMPROVEMENT
03	1E030	COL-020-R21.5	RECONSTRUCT EMBANKMENT SLOPE RECONSTRUCT SHLDR, REPL GUARDRAIL
03	1E040	SAC-050-L0.0	UPGRADE METAL MEDIAN BARRIER TO CONCRETE
03	1E120	PLA-080-R57.0	INSTALL CABLE NET DRAPERY
03	1E160	BUT-070-10.8	RELOCATE INTERSECTION; INST SIGNALS
03	1E240	PLA-080-R58.3	EXTEND TRUCK CLIMBING LANE
03	1E490	BUT-032-10.3	WIDEN TO FOUR LANES
03	1E690	GLE-005-R0.0	RAC OVERLAY AND RUMBLE STRIPS
03	2A920	PLA-089-0.0	REHAB PAVEMENT AND DRAINAGE SYSTEM ENV IMPR PROGRAM PROJECT (EIP)
03	2A921	PLA-089-T8.6	REHAB PAVEMENT AND DRAINAGE SYSTEM ENV IMPRV PROGRAM (EIP) PROJECT
03	2A940	PLA-028-0.8	REHAB PAVEMENT/RECONST DRAINAGE SYS
03	2C843	SAC-L55-01 .	FIRE AND LIFE SAFETY REPAIRS
03	2C844	SAC-L55-01 .	FIRE AND LIFE SAFETY UPGRADE
03	2C860	PLA-080-R56.1	REPL SLABS, CRK & SEAT, RBR AC OVLY PLACE SHLDR BACKING, REM AND REPLC
03	2E050	NEV-080-28.4	FULL BRIDGE DECK REPLACEMENT
03	33380	PLA-065-R12.2	4-LN EXPWY WITH INTERSECTIONS (PDB-DSJ)
03	34990	PLA-080-6.9	RECONSTRUCT INTERCHANGE
03	36690	BUT-099-8.6	BASE REPAIR, WIDEN & AC OVERLAY (HGS-LAB)
03	36782	PLA-080-0.0	CONSTRUCT AUXILIARY AND HOV LANES
03	38800	YOL-050-0.3	WIDEN OC & REVISE E/B RAMPS - 6 LNS
03	3A010	SAC-005-15.6	REPL SLABS & MBGR, GRIND PAVEMENT SEAL, REPLACE DIKES, REPAIR RAMPS
03	3A630	BUT-070-10.0	WIDEN TO 4 LANES, EXTEND, CONST I/C
03	3A710	ED -050-0.2	WIDEN AND ADD HOV LANES
03	3C020	SAC-051-1.2	UPGRADE MBGR TO CONCRETE MED BARR & PAVE MEDIAN
03	3C870	GLE-005-R20.0	COLD PLANE, PLACE RAC & DGAC, SEAL CRACKS AND RECONSTRUCT MBGR
03	43601	ED -050-77.3	ADD CURB, GUTTER, SIDEWALK & BIKE LANE
03	4A700	PLA-080-54.4	PCC OL/MED BAR/WID SHLDR/RMP LIGHTS
03	4C090	ED -049-7.1	WIDEN AND ADD SHOULDERS
05	0A460	SLO-227-R10.9	REHABILITATE ROADWAY & WIDEN BRIDGE
05	0E960	MON-001-21.3	CONSTRUCT NEW BRIDGE & ROCK SHED

Dist	EAs	Co-Rte-PM	Project Description
05	0F710	SLO-046-49.5	REHABILITATE ROADSIDE REST AREA FOR ADA COMPLIANCE
05	0F980	SLO-058-9.8	REPLACE BRIDGE & TAPER SHOULDERS INTO EXISTING ROADWAY SHOULDERS
05	0H190	SLO-101-R24.0	HIGHWAY REHABILITATION
05	0H200	SB -101-R52.3	ROADWAY REHAB - CAPM
05	33071	SLO-046-32.2	CONVERT 2-LANE HIGHWAY TO 4-LANE EXPRESSWAY
05	34950	MON-101-84.6	RECONSTRUCT INTERCHANGE
05	40280	SLO-101-45.2	INTERCHANGE IMPROVEMENTS
05	44780	SB -101-10.8	RECONSTRUCT TWO INTERCHANGES ADD LANES AND RAMP
05	48562	SLO-101-13.2	CONSTRUCT AUXILIARY LANES AND ITS ELEMENTS
06	0E230	KER-005-10.2	PANEL REPLACEMENT, COLD PLANE SHOULDER AND PAVE BACK
06	30700	TUL-063-5.8	4C TO 6C AND IMPROVE CHANNELIZATION
06	0A970	TUL-099-22.4	SAFETY ROADSIDE REST AREA RESTORATION
06	0A990	KER-005-0.8	SAFETY ROADSIDE REST AREA RESTORATION
06	0E050	FRE-005-37.2	PAVEMENT PRESERVATION
06	0E180	KER-058-59.6	AC OVERLAY - REHAB
06	32210	KER-166-9.0	AC OVERLAY AND WIDEN SHOULDERS
06	34233	FRE-180-R53.4	CONSTRUCT FREEWAY
06	34243	FRE-180-R63.3	6FWY ON NEW 8FWY R/W ALIGN, CLOVIS TO FOWLER 4 FWY ON NEW 6FWY R/W
06	34251	FRE-180-R66.1	2C TO 4E ON EXISTING ALIGNMENT
06	3568U	KIN-198-T21.5	2C TO 4E ON NORTH SIDE
06	41590	KIN-041-11.5	AC OVERLAY AND WIDEN SHOULDER
06	41600	KIN-041-R42.1	REHAB ROADWAY AND WIDEN SHOULDERS
06	41610	MAD-145-R0.5	AC OVERLAY, WIDEN SHOULDERS, AND REPLACE BRIDGE (SCOUR)
06	42050	FRE-180-24.6	AC OVERLAY AND WIDEN SHOULDERS
06	42550	KER-058-R92.1	REPLACE OC W/4-LANE OC & CONSTRUCT
06	43050	KIN-033-0.0	AC OVERLAY AND WIDEN SHOULDERS
06	45940	TUL-099-34.0	CRACK SEAT, AC OVERLAY
06	46070	KER-005-4.6	PANEL REPLACEMENT & SHOULDER WORK
06	46300	KER-058-R139.0	REHAB EB AND WB SAFETY ROADSIDE REST AREAS
06	48380	FRE-041-20.0	FIBER OPTIC SYSTEM
06	48390	FRE-099-15.7	FIBER OPTIC SYSTEM
09	21440	INY-395-R65.0	WIDEN TO 4 LANE EXPRESSWAY MANZANAR 4-LANE
09	21480	INY-395-70.3	WIDEN TO 4 LANE EXPRESSWAY INDEPENDENCE 4 LANE
09	25800	INY-395-117.8	RECYCLE, WIDEN SHLDRS, AC OVERLAY ED POWERS REHAB.
09	26900	MNO-395-R0.0	AC OVERLAY, SHLDR. WIDENING SHERWIN SUMMIT REHAB
09	31660	INY-395-R8.5	ROADWAY REHABILITATION
09	31770	INY-395-90.9	RESURFACE ROADWAY (PCAPM)
10	0A870	STA-219-0.1	WIDEN TO 4 LANES AND INTERSECTION IMPROVEMENTS

<b>Dist</b>	<b>EAs</b>	<b>Co-Rte-PM</b>	<b>Project Description</b>
10	0F070	SJ -004-4.5	CURVE CORRECTION "ROUTE 4 CURVE CORRECTION EAST OF
10	0G130	MER-140-36.5	REPLACING BRADLEY OH BRIDGE WIDEN FROM 2 LANES TO 4 LANES.
10	0J160	TUO-108-4.3	TWO-WAY LEFT TURN LANE.
10	0K020	MER-099-15.8	REPLACE BRIDGES
10	0N150	MER-005-0.0	DIGOUTS & REPAIR OF LOCALIZED FAILURES & A/C OVERLAY
10	1A070	MER-059-27.2	NEW MERCED RIVER BRIDGE (BR. NO. 39-0071R)
10	27980	MER-165-11.7	AC OVERLAY & WIDEN/REPLACE STR.
10	28320	SJ -004-R8.1	PAVEMENT REHABILITATION
10	2A420	CAL-026-0.0	PAVEMENT REHABILITATION
10	2A770	STA-099-R11.9	RECONSTRUCT IC
10	34540	STA-120-3.0	CONSTRUCT 2-LANE EXPRESSWAY WITH R/W PURCHASE FOR 4-LANE ULTIMATE.
10	37930	CAL-012-3.0	STRUCTURAL SECTION REPAIR
10	38150	MER-165-26.9	AC OVERLAY, DIGOUTS, INTERSECTION IMPROVEMENTS & SHOULDER WIDENING
10	3A650	STA-132-L14.9	ROUTE 132 REHAB & INTERSECTION IMPROVEMENTS
10	3A660	MER-140-36.2	BRIDGE REPLACEMENT
10	3A740	STA-108-22.4	SR 108 REHABILITATION
10	41480	MER-099-23.8	4 LN EXPRESSWAY TO 6 LN FREEWAY

**122****Projects**

1. Specific work will be assigned to the Consultant through issuance of Task Orders from the Department Contract Manager. Task Orders will include, but not be limited to, an estimate of the unit price or lump sum amount for each contract item, projected to the mid-point of construction of the item, and documentation of the basis used for the price estimate.
2. Consultant shall carry out the instructions received from the Department Contract Manager and shall cooperate with Caltrans, other involved agencies, and other Consultants.
3. It is not the intent of the foregoing paragraph to relieve the Consultant of professional or legal responsibility during the performance of this contract. In those instances where the Consultant believes a better solution is possible, he/she shall promptly notify the Department Contract Manager of these concerns, together with reasons thereof.
4. The Consultant has total responsibility for the accuracy and completeness of the cost estimates prepared and shall check all materials accordingly.
5. The cost estimates, calculations, and other documents furnished under this contract shall be of a quality acceptable to the Department Contract Manager. The criteria for acceptance shall be a product of neat appearance, well organized, technically and

grammatically correct, checked, dated, and having the maker and checker identified. The minimum standard of appearance, organization, and content of the estimates shall be that of similar types produced by Caltrans and set forth in related Caltrans manuals.

6. In providing the above items, the Consultant shall not contact prospective bidders of the construction project nor the District involved in the development of the project documents. The Consultant shall not disclose the information provided nor the cost estimate developed to anyone other than the Department Contract Manager.
7. The Consultant shall, throughout the life of the contract, retain within Consultant's firm, or through qualified subconsultants, sufficient qualified staff to perform each of the tasks.
8. Consultant shall maintain a set of indexed project files.
9. Consultant shall, upon completion of the Task Order, provide documentation of the development of the deliverables shall include, but not be limited to, all calculations, correspondence, and other project documents provided in a PDF format.

## **B. SCOPE OF WORK**

The Consultant shall provide professional Architectural and Engineering (A&E) cost estimating services for a variety of project types. Projects may include, but are not limited to, highway construction and rehabilitation, bridge construction and reconstruction, maintenance and roadside rest buildings, landscaping, signal, lighting and combinations of these types.

1. The scope of this work will include, but is not limited to, the following:
  - a. An estimate of unit price or lump sum amount for each contract item, projected to the mid-point of construction of the item, per the construction schedule provided. For lump sum items, the take-off quantities will be estimated by the Consultant.
  - b. For each contract item, documentation of the basis used for the price estimate, including, but not limited to, references used, adjustments for location, production rates and forecasting indices.
2. The instructions contained in this "Scope of Work" will take precedence over any conflicting instructions found in Caltrans manuals or design guidance.
3. Items provided by Department will be in either English standard units or Metric units using the International System of Units (SI) as indicated in the project documents provided by Caltrans.
4. Any software developed, licensed, or purchased by the Consultant or subconsultant for cost estimating or other engineering purposes shall be available to the Department upon request. Any cost estimating related software developed by the Consultant or



subconsultants during the course of the contract shall not be copyrighted and is State property. Consultant developed software may be modified by the Department or other Consultants. At a minimum, the Department will require a user's manual with complete instructions and examples for all Consultant or subconsultant developed software. The Department Contract Manager may request updated software and manuals from the Consultant at any time. Any software development, licensing, or purchasing by the Consultant or subconsultant for cost estimating or other engineering purposes shall only be as required in an approved Task Order.

5. Work performed under this contract shall be performed within the constraints of Task Orders.
  - a. The Task Orders will contain the specific statement of work to be performed under that Task Order. The Task Orders will also include the project milestones to be achieved in addition to any other milestones needed to assure timely performance and fiscal responsibility.
  - b. All Task Orders will be negotiated between the Department Contract Manager and Consultant's Project Manager in accordance with the terms of this contract including the approved wage rates indicated in the Consultant's Cost Proposal..
  - c. Consultant shall submit a cost proposal for each Task Order to the Department Contract Manager for review. The cost proposal shall include, at a minimum, the following information: The names of the individuals proposed for work on this task, the individual classification, the duties the individual will perform along with the Caltrans activity codes for such duties, the estimated hours of each individual under each duty or activity, the wage rates for each individual from the Consultant's Cost Proposal, and estimate of allowable direct costs other than labor, an estimate DBE utilization under this task, and a summation of total cost proposed for the task.
  - d. Other information may be required at the request of the Department Contract Manager.
6. All studies, reports, quantity calculations, and cost estimates shall conform to Caltrans criteria, policies, procedures, and standards. All work shall be made available to the Department at milestones specified in the Task Order schedule and upon request by the Department Contract Manager.

**C. ITEMS TO BE SUPPLIED BY CALTRANS:**

1. Draft project plans.
2. Draft project special provisions.
3. Contract items and quantities.
4. Construction schedule (CPM).
5. Number of Working Days.

6. Innovative bidding (A+B, Incentive/Disincentive, etc.)
7. Target date for the beginning of construction.
8. Project Information (Materials Information, Permits, Geotechnical Report etc.)
9. Contingency set at 5 percent, unless designated otherwise.

The items listed above are provided only for the purpose of producing the required cost estimates. The listed items are subject to ongoing review and revision by the Department in preparation for advertising of the project. All items listed above may not be available for use by the Consultant.

#### **D. SUBMITTALS**

1. Consultant shall provide cost estimation services for the project in close liaison with the Department. The Department will exercise review and approval functions through the Department Contract Manager.
2. Unless otherwise stated in the Task Order, Consultant will submit the resultant cost estimate and information in MicroSoft Excel, compatible with MS Office 1997, on CD disk, along with one paper copy.

#### **E. PERSONNEL REQUIREMENTS**

1. Personnel
  - a. The Consultant's personnel shall be capable of performing the types of Cost Estimating and engineering work described above in "Description of Required Services" with minimal instructions.
  - b. The Consultant's Project Manager shall be a licensed registered Civil Engineer in the Department of California. The Project Manager shall coordinate all Cost Estimating and related engineering issues with the Department's Contract Manager. In addition to other specified responsibilities, the Project Manager shall be responsible for all matters related to the Consultant's personnel operations, including:
    1. Reviewing, monitoring, training and directing the Consultant's personnel.
    2. Assigning personnel to complete the required Task Order work as specified.
    3. Administering personnel actions.
    4. Tracking and providing written monthly progress reports that track percentage of work completed and budget expenditures to date linked to the various WBS activities.

- c. The Consultant shall, throughout the life of the contract, retain within Consultant firm or through subconsultant's a staff of people qualified to perform each of the tasks.
- d. The Consultant's Project Engineers shall be capable of assisting the Consultant Project Manager in all aspects of the required engineering work and shall be licensed registered Engineers in the appropriate engineering field in the Department of California.
- e. It is possible Consultant may be asked from time to time to attend certain special training recommended by the Department Contract Manager. On these occasions, with the approval of the Department's Contract Manager, the Consultant will be compensated for the training time only. All other costs or fees associated with the training, including any transportation costs, will be the Consultant's responsibility.

2. Availability and Work Hours

- a. Unless specifically stated in each Task Order, the Consultant shall begin the required work within five working days after receiving a fully executed Task Order. Once the work begins, the work shall be prosecuted diligently until all required work has been completed satisfactorily.
- b. The Project Manager shall be accessible to the Department Contract Manager at all times during normal working hours.
- c. Unless otherwise specified in the Task Order or directed by the Department Contract Manager, the normal workday will consist of Monday through Friday, from 8 a.m. to 5 p.m. and the normal workweek shall consist of 40 hours.
- d. Overtime may be required. However, overtime shall be worked only when directed in writing by the Department Contract Manager or specifically required by the Task Order.

3. Any product or deliverable not fully approved by the Department Contract Manager bearing the signature of a Professional Engineer no longer employed by the Consultant shall be replaced by another product or deliverable bearing the signature of a technically qualified and licensed replacement Professional Engineer at no cost to the Department. The responsible Professional Engineer signing the cost estimates or any other related deliverable requiring the signature of a licensed Professional Engineer, shall be currently employed by the Consultant or its subconsultants at the time of deliverable submittal and throughout the Department review and acceptance process. A Professional Engineer whose signature appears on any cost estimate or other related deliverable that has not been fully approved by the Department and who is no longer employed by the Consultant or its subconsultants shall be replaced by a qualified Professional Engineer. The Consultant shall submit a written request and obtain the Department Contract Manager's prior approval to changing Professional Engineering staff and work products. The

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Attachment 1

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Consultant shall provide the Department's Contract Manager with the technical qualifications of the replacement staff, including resumes.